National Library of Medicine - Medical Subject Headings

2008 MeSH

MeSH Descriptor Data

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MeSH Heading	Epinephrine
Tree Number	D02.033.100.291.310
Tree Number	D02.092.063.291.310
Tree Number	D02.092.211.215.311.461
Tree Number	D02.092.311.461
Annotation	/ biosyn / physiol permitted
Scope Note	The active sympathomimetic hormone from the adrenal medulla in most species. It stimulates both the alpha- and beta- adrenergic systems, causes systemic vasoconstriction and gastrointestinal relaxation, stimulates the heart, and dilates bronchi and cerebral vessels. It is used in asthma and cardiac failure and to delay absorption of local anesthetics.
Entry Term	4-(1-Hydroxy-2-(methylamino)ethyl)-1,2-benzenediol
Entry Term	Adrenaline
Entry Term	Adrenaline Bitartrate
Entry Term	Adrenaline Hydrochloride
Entry Term	Epifrin
Entry Term	Epinephrine Bitartrate
Entry Term	Epinephrine Hydrogen Tartrate
Entry Term	Epitrate
Entry Term	Lyophrin
Entry Term	Medihaler-Epi
Entry Term	Micronefrin
Entry Term	Micronephrine
Entry Term	Racemic Epinephrine
Entry Term	Racepinephrine
Entry Term	Vaponefrin
See Also	Receptors, Adrenergic
Allowable Qualifiers	AA AD AE AG AI AN BI BL CF CH CL CS CT DF DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UR
Pharm.	

Action	Adrenergic Agonists
Pharm. Action	Adrenergic alpha-Agonists
Pharm. Action	Adrenergic beta-Agonists
Pharm. Action	Bronchodilator Agents
Pharm. Action	Mydriatics
Pharm. Action	Sympathomimetics
Pharm. Action	Vasoconstrictor Agents
CAS Type 1 Name	1,2-Benzenediol, 4-(1-hydroxy-2-(methylamino)ethyl)-, (R)-
Registry Number	51-43-4
Date of Entry	19990101
Unique ID	D004837

MeSH Tree Structures

Organic Chemicals [D02]
Alcohols [D02.033]
Amino Alcohols [D02.033.100]
Ethanolamines [D02.033.100.291]
Albuterol [D02.033.100.291.057]
Choline [D02.033.100.291.211] +
Clenbuterol [D02.033.100.291.231]
Deanol [D02.033.100.291.274]
▶ Epinephrine [D02.033.100.291.310]
Ethanolamine [D02.033.100.291.375]
2-Hydroxyphenethylamine [D02.033.100.291.410]
Isoproterenol [D02.033.100.291.439]
Labetalol [D02.033.100.291.460]
Midodrine [D02.033.100.291.480]
Norepinephrine [D02.033.100.291.502] +
Octopamine [D02.033.100.291.525]
Orciprenaline [D02.033.100.291.550] +
Phenylephrine [D02.033.100.291.617] +
Procaterol [D02.033.100.291.630]

Sotalol [D02.033.100.291.805]
Synephrine [D02.033.100.291.870]
Terbutaline [D02.033.100.291.905]

Organic Chemicals [D02]
Amines [D02.092]
Amino Alcohols [D02.092.063]
Ethanolamines [D02.092.063.291]
Albuterol [D02.092.063.291.057]
Choline [D02.092.063.291.211] +
Clenbuterol [D02.092.063.291.231]
Deanol [D02.092.063.291.274]
➤ Epinephrine [D02.092.063.291.310]
Ethanolamine [D02.092.063.291.375]
2-Hydroxyphenethylamine [D02.092.063.291.410]
Isoproterenol [D02.092.063.291.439]
Labetalol [D02.092.063.291.460]
Midodrine [D02.092.063.291.480]
Octopamine [D02.092.063.291.525]
Orciprenaline [D02.092.063.291.550] +
Phenylephrine [D02.092.063.291.617] +
Procaterol [D02.092.063.291.647]
Sotalol [D02.092.063.291.805]
Synephrine [D02.092.063.291.870]
Terbutaline [D02.092.063.291.905]

Organic Chemicals [D02]
Amines [D02.092]
Biogenic Amines [D02.092.211]
Biogenic Monoamines [D02.092.211.215]
Catecholamines [D02.092.211.215.311]
Dopamine [D02.092.211.215.311.342]
➤ Epinephrine [D02.092.211.215.311.461]
Metanephrine [D02.092.211.215.311.461.400]
Norepinephrine [D02.092.211.215.311.560] +
Orciprenaline [D02.092.211.215.311.600] +

Organic Chemicals [D02]
Amines [D02.092]
Catecholamines [D02.092.311]
Dihydroxyphenylalanine [D02.092.311.200] +
Dobutamine [D02.092.311.220]

Dopamine [D02.092.311.342] +
Epinephrine [D02.092.311.461]
Deoxyepinephrine [D02.092.311.461.200]
Metanephrine [D02.092.311.461.400]
Norepinephrine [D02.092.311.461.484] +
Normetanephrine [D02.092.311.461.651]
Isoproterenol [D02.092.311.649]
Orciprenaline [D02.092.311.660] +

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